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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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10/584,644

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Jean-Baptiste Henry

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4986

24498 7590 04/30/2010

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EXAMINER

DINH, KHANH Q

ART UNIT

PAPER NUMBER

2451

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DELIVERY MODE

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PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

|                              |                                      |                                     |  |
|------------------------------|--------------------------------------|-------------------------------------|--|
| <b>Office Action Summary</b> | <b>Application No.</b><br>10/584,644 | <b>Applicant(s)</b><br>HENRY ET AL. |  |
|                              | <b>Examiner</b><br>Khanh Q. Dinh     | <b>Art Unit</b><br>2451             |  |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 20 January 2010.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-13 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date <u>2/4/2010</u> . | 6) <input type="checkbox"/> Other: _____  |

**DETAILED ACTION**

1. This is in response to the Amendment and Remarks filed on 1/20/2010. Claims 1-13 are presented for examination.

***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-13 are rejected under 35 U.S.C. 102(e) as being unpatentable over He, US Pub. No.2006/0155802 A1 (hereafter He) in view of Slaughter, US Pat. No.6,898,618.

As to claim 1, He discloses a method of discovery, by a discovering device capable of connecting to a network, the network having connected devices connected comprising the steps of:

connecting the discovering device to the network and upon connection of the discovering device, dispatching by the discovering device, an announcement message containing autodescription information describing the discovering device destined for all the other connected devices (sending an announcement message for service information from a device to other devices in a communication network, see figs.3A, 4, [0106] to [0117] and [0150] to [0152]);  
upon connection of the discovering device, dispatching, by the discovering device of an autodescription information request message to all the connected devices;

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receiving, by the discovering device, the response message from each of the other connected devices containing the autodescription of the connected devices and sent in response to the autodescription information request message (sharing resources and providing service information between network connected devices, see [0118] to [0123] and [0131] to [0134]). He does not specifically disclose a discovering device that is configured to communicate with other devices connected to the network via a communications protocol that is different from a protocol used by the network. However, Slaughter discloses a discovering device that is configured to communicate with other devices connected to the network via a communications protocol that is different from a protocol used by the network (using discovery protocols to discover the location and availability of docking stations within a specified range of the user, see fig.38, col.104 line 31 to col.105 line 41). It would have been obvious to one of the ordinary skill in the art at the time the invention was made to implement Slaughter's teachings into the computer system of He to process network service because it would have allowed the user to terminate the session on the docking station and released the docking station for use by other users and provided users a secure connection to the docking station in a communication network (see Slaughter's col.105 line 51 to col.106 line 23).

As to claim 2, He discloses that the request message and the announcement message are merged (see fig.12, [0165] to [0176]).

As to claim 3, He discloses the autodescription information describing a device contains the address on the network of the device (see [0119] to [0123]).

As to claim 4, He discloses that the autodescription information describing a device contains a unique global identifier, different from the address, identifying the device on the network (monitoring the global node message, see gih.6, [0131] to [0136]).

As to claim 5, He discloses the autodescription information describing a device contains the characteristics of a software module making it possible to control this device 9see [0137] to [0141]).

As to claim 6, He discloses that the announcement message is dispatched by broadcasting over the network (see [0151] to [0156]).

As to claim 7, He discloses that the announcement message is dispatched by multicasting on a predefined multicasting address to which the other devices must have subscribed (see [0151] to [0156]).

Claims 8-13 are rejected for the same reasons set forth in claims 1, 3-7 respectively.

#### ***Response to Arguments***

4. Applicant's arguments with respect to claims 1-13 have been considered but are moot in view of the new ground(s) of rejection.

***Conclusion***

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khanh Dinh whose telephone number is (571) 272-3936. The examiner can normally be reached on Monday through Friday from 8:00 A.m. to 5:00 P.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, FOLLANSBEE JOHN, can be reached on (571) 272-3964. The fax phone number for this group is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications

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may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

**Any response to this action should be mailed to:**

Commissioner for patents  
P O Box 1450  
Alexandria, VA 22313-1450

/Khanh Dinh/  
Primary Examiner, Art Unit 2451